Mountain Weather Forecast

Peak District National Park

Forecast valid from 06:00 on Friday 28 Jul 2023 until 23:59 on Saturday 29 Jul 2023

Forecast Issued on Friday 28 Jul 2023 at 01:21

Confidence: High for a continuation of the unsettled theme, with bands of showers and periods of generally wet and windier weather, but also some drier spells. Lower confidence in the details surrounding the extent of low cloud and timing of rain Sunday and Monday.

Headline for Friday 28 Jul 2023: Rather cloudy start. Brightening up with some sunny spells but also the odd shower.

Mountain weather hazards on Friday 28 Jul 2023

Blizzards No Likelihood	**Heavy persistent snow** No Likelihood	**Storm force winds** No Likelihood
Gales No Likelihood	**Severe chill effect** No Likelihood	**Poor visibility** Low Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** Medium Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
Fog	Cloudy	Light rain showers	Light rain showers	Cloudy	Light rain showers (night)
Precipitation probability					
20%	20%	30%	30%	20%	30%

Forecast for Friday 28 Jul 2023

Weather: A cloudy start, especially across western areas where outbreaks of drizzle are likely. Cloud lifting and breaking to give a brighter afternoon with sunny spells and a few showers. These are expected to be mostly light, however the odd heavier burst is possible later on and overnight.

Chance of cloud-free hill tops above 600m: 40% increasing to 90%.

Low cloud and visibility: Banks of cloud affecting mainly western slopes initially, bases around 300-400m. This becoming patchier through the morning and lifting above the summits by midday. Chance of tops becoming obscured in showers, mainly later in the day and overnight. Visibility poor or very poor in early drizzle, otherwise good or very good, even in any light showers.

Check our weather forecast every day to get the most accurate and up to date information
https://www.metoffice.gov.uk/weather/specialist-forecasts/mountain
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Forecast for Friday 28 Jul 2023

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	11/14 SW	14/19 SW	13/19 SW	12/18 W	13/19 SW	14/20 SW	16/24 SW
300	11/15 SW	11/16 SW	11/17 SW	11/17 SW	10/16 SW	10/17 SW	11/19 SW
Valley	6/13 S	8/16 SW	9/17 SW	7/14 W	7/17 SW	6/15 SW	7/18 SW

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	12/10	13/10	15/12	15/13	15/12	12/10	12/9
300	14/12	16/14	17/15	18/16	17/16	15/13	14/12
Valley	15/14	16/15	18/17	18/17	18/17	15/15	14/14
Freezing Level*	2400m	2500m	2400m	2700m	2700m	2600m	2400m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Low loud affecting higher routes initially may make for difficult navigation. Moderate to High UV levels expected with sun protection advised.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
02:00 on Fri 28 Jul 2023	11mm	34mm	39.8mm

Forecast for Saturday 29 Jul 2023

Weather: A changeable day across the Peaks with scattered showers interspersed with some sunny spells. Skies may clear for a while in the afternoon to give a longer period of late sunshine, most likely in the east of the park.

Maximum wind: Westerly 20mph with gusts of 30mph.

Chance of cloud-free hill tops above 600m: 80% or above throughout.

Low cloud and visibility: Patchy low cloud will form in the early hours, with cloud bases around 300-400m. This will lift above the tops of the hills by late morning, but may lower in any heavier showers to around 600m. Visibility mostly very good, perhaps moderate in showers. Poor or very poor in early hill fog.

Temperature: **Valleys:** Plus 12 Celsius rising to Plus 18 Celsius
At 600m: Plus 9 Celsius rising to Plus 14 Celsius
Freezing level: Well above summits.

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